

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (optional)
MAN03

Application No.
10/822,951

Applicants(s)
Lewis Athanas

Filing Date
April 13, 2004

Group Art Unit

2643 2834

U.S. PATENT DOCUMENTS

*Examiner Initial	REF	DOCUMENT NUMBER	DATE	NAME	CLASS/SUBCLASS	FILING DATE IF APPROPRIATE
TMD		4,056,742	11/01/1977	Tibbetts	310/357	
		6,278,790	08/21/2001	Davis, et al.	381/398	
		6,720,708	04/13/2004	Athanas	310/324	
		4,088,915	05/09/1978	Kodama	310/334	
		4,625,138	11/26/1986	Ballato	310/320	
		4,454,386	06/12/1984	Koyoma	179/110	
		4,593,160	06/03/1986	Nakamura	179/110	
		4,638,207	01/20/1987	Radice	310/328	
		4,807,294	02/21/1989	Iwata, et al.	380/190	
		4,864,624	09/05/1989	Tichy	381/55	
		4,969,197	11/06/1990	Takaya	381/190	
		4,979,219	12/18/1990	Lin	381/190	
		5,031,222	07/09/1991	Takaya	381/190	
		5,115,472	05/19/1992	Park, et al.	381/152	
		5,193,119	03/09/1993	Tontini, et al.	381/182	
TMD		5,388,160	02/07/1995	Hashimoto, et al.	381/71	

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/SUBCLASS	TRANSLATION	
					YES	NO
TMD	WO 98/28942	07/02/1998	PCT	H04R 7/06		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

TMD	European Search Report dated April 26, 2005, 6 pages
-----	--

EXAMINER

Thomas M. Dougherty

DATE CONSIDERED

7-5-05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include Copy of this form with next communication to applicant

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Docket Number (optional) MAN03		Application No. 10/822,951	
				Applicants(s) Lewis Athanas			
				Filing Date April 13, 2004		Group Art Unit 2645 2834	
U.S. PATENT DOCUMENTS							
*Examiner Initial	REF	DOCUMENT NUMBER	DATE	NAME	CLASS/SUBCLASS	FILING DATE IF APPROPRIATE	
		5,428,832	06/27/1995	Nohara, et al.	455/296		
		5,473,214	12/05/1995	Hildebrand	310/321		
		5,524,058	06/04/1996	Moseley	381/71		
		5,526,421	06/11/1996	Berger, et al.	379/389		
		5,615,270	03/25/1997	Miller, et al.	381/57		
		5,638,456	06/10/1997	Conley, et al.	381/190		
		5,642,332	06/24/1997	Chang, et al.	367/165		
		5,684,884	11/04/1997	Nakaya	381/190		
		5,711,058	01/27/1998	Frey	29/25.35		
		5,736,808	04/07/1998	Szilagyi	310/322		
		5,575,827	05/12/1998	Takahashi	65/141		
		5,780,958	07/14/1998	Strugach, et al.	310/348		
		5,802,195	09/01/1998	Regan, et al.	381/190		
		5,825,902	10/20/1998	Fujishima	381/190		
		5,828,768	10/27/1998	Eatwell, et al.	381/333		
	5,901,231	05/04/1999	Parella, et al.	381/86			
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/SUBCLASS	TRANSLATION	
						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER Thomas M. Dougherty				DATE CONSIDERED 7-9-06			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include Copy of this form with next communication to applicant							

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Docket Number (optional) MAN03		Application No. 10/822,951	
				Applicants(s) Lewis Athanas			
				Filing Date April 13, 2004		Group Art Unit 2643 2834	
U.S. PATENT DOCUMENTS							
*Examiner Initial	REF	DOCUMENT NUMBER	DATE	NAME	CLASS/SUBCLASS	FILING DATE IF APPROPRIATE	
TMB		5,977,688	11/02/1999	Utsunomiya	310/316.01		
		6,023,123	02/08/2000	Petiet	310/316.01		
		6,064,746	05/16/2000	Nakamura	381/351		
		4,352,961	10/05/1982	Kumada, et al.	179/110		
		4,680,800	07/14/1987	Bank, et al.	381/194		
		5,473,214	12/05/1995	Hildebrand	310/321		
		5,638,454	06/10/1997	Jones, et al.	381/71		
		5,638,456	06/10/1997	Conley, et al.	381/190		
		5,652,801	07/29/1997	Paddock	381/190		
		5,828,768	10/27/1998	Eatwell, et al.	381/333		
		5,901,231	05/04/1999	Parrella, et al.	381/86		
		6,031,926	02/29/2000	Azima	381/423		
		6,058,196	05/02/2000	Heron	381/152		
		6,144,746	11/07/2000	Azima, et al.	381/152		
	TMD		6,151,402	11/21/2000	Azima, et al.	381/396	
		6,181,797	01/30/2001	Parella, et al.	381/86		
FOREIGN PATENT DOCUMENTS							
REF		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/SUBCLASS	TRANSLATION	
						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINEE				DATE CONSIDERED			
Thomson M. Dayharts				7-5-03			

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (optional)

MAN03

Application No.

10/822,951

Applicants(s)

Lewis Athanas

Filing Date

April 13, 2004

Group Art Unit

2643 28 34

U.S. PATENT DOCUMENTS

*Examiner Initial	REF	DOCUMENT NUMBER	DATE	NAME	CLASS/SUBCLASS	FILING DATE IF APPROPRIATE
TMP		6,188,775	02/13/2001	Azima, et al.	381/431	
		6,195,440	02/02/2001	Warnaka, et al.	381/190	
		6,198,831	03/06/2001	Azima, et al.	381/338	
		6,215,881	04/10/2001	Azima, et al.	381/152	
		6,215,882	04/10/2001	Heron	381/152	
		6,215,884	04/10/2001	Parella, et al.	381/190	
		6,243,473	06/05/2001	Azima, et al.	381/152	
		6,247,551	06/19/2001	Heron	181/173	

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

--	--	--

EXAMINER

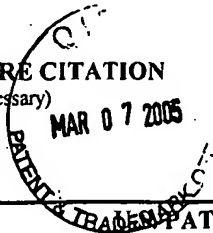
Thomas M. Dugan

DATE CONSIDERED

7-5-05

*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include Copy of this form with next communication to applicant

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)



Docket Number (optional)

MAN03

Application No.

10/822,951

Applicants(s)

Lewis Athanas

Filing Date

April 13, 2004

Group Art Unit

2643 2634

PATENT DOCUMENTS

*Examiner Initial	REF	DOCUMENT NUMBER	DATE	NAME	CLASS/SUBCLASS	FILING DATE IF APPROPRIATE
<i>DM</i>		6,522,760	02-18-2003	Azima, et al.	381/152	

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Thomas M. Ogilby

DATE CONSIDERED

7-5-05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include Copy of this form with next communication to applicant

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional)
MAN03

Application Number

10/822951

Applicant(s)
LEWIS

Filing Date

APRIL 13, 2004

Group Art Unit

2834

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MD	1	5,608,282	3/4/97	WILBER ET AL	505	211	
	2	5,767,612	6/16/98	TAKEUCHI ET AL	310	324	
	3	5,867,302	2/2/99	FLEMING	359	291	
	4	4,352,961	10/5/82	KUMADA ET AL	179	110A	
	5	5,652,801	7/29/97	PADDOCK	381	190	
	6	6,003,766	12/21/99	AZIMA ET AL	235	379	
	7	5,283,835	2/1/94	LEWIS S. ATHANAS	381	190	
	8	4,170,742	10/1979	ITAGAKI ET AL	310	324	
	9	4,578,613	3/1986	Posthuma de Boer et al	310	800	
MD	10	6,218,766	4/2001	WARNAKA ET AL	310	322	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MD	11	Harris, Neil, "The Distrubuted-Mode Loudspeaker (DML) as a Broad-Band Acoustic Radiator", Audio Engineering Society Preprint 4526 (D-6); Presented at the 103rd Convention 1997 September 26-29, New York.

EXAMINER

Thomas M. Dougherty

DATE CONSIDERED

7-9-05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.